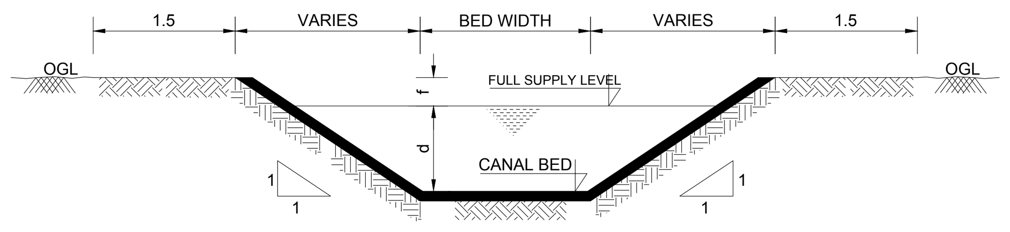
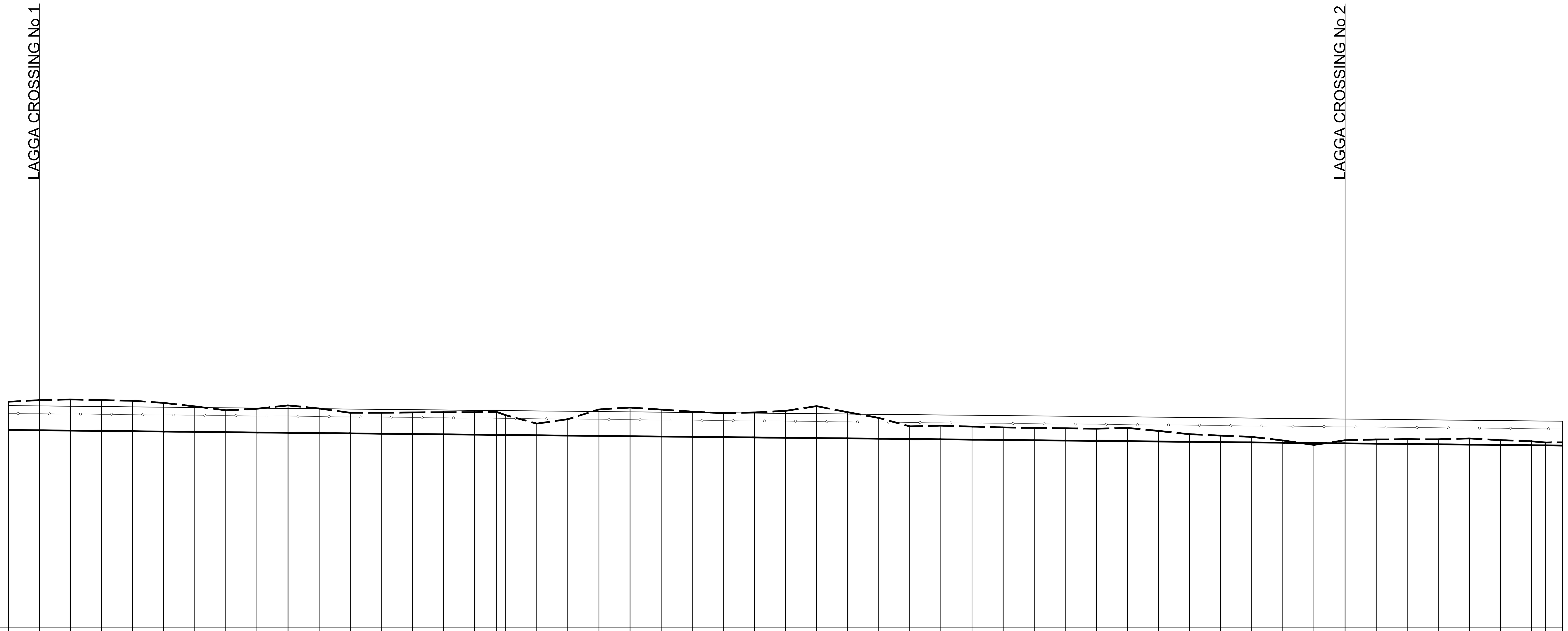
LEGEND

- GROUND LEVEL
- DESIGN BANK LEVEL
- FULL SUPPLY LEVEL
- DESIGN BED LEVEL



TYPICAL LINED CANAL SECTION

SCALE: 1:50



DATUM
575 m amsl

HYDRAULIC GRADE (m asl)																		
CHAINAGE (m)	1020.00	1020.00	1040.00	1060.00	1080.00	1100.00	1120.00	1140.00	1160.00	1180.00	1200.00	1220.00	1240.00	1260.00	1280.00	1300.00	1314.00	1320.00
GROUND LEVEL (m asl)	582.315	582.315	582.340	582.320	582.295	582.230	582.115	581.990	582.040	582.150	582.050	581.910	581.910	581.920	581.930	581.930	581.940	581.835
BANK LEVEL (m amsl)	582.131	582.131	582.121	582.111	582.101	582.091	582.081	582.071	582.061	582.051	582.041	582.031	582.021	582.011	582.001	581.991	581.984	581.981
FULL SUPPLY LEVEL (m amsl)	581.881	581.881	581.871	581.861	581.851	581.841	581.831	581.821	581.811	581.801	581.791	581.781	581.771	581.761	581.751	581.741	581.734	581.731
CANAL BED LEVEL (m amsl)	581.348	581.348	581.338	581.328	581.318	581.308	581.298	581.288	581.278	581.268	581.258	581.248	581.238	581.228	581.218	581.208	581.201	581.198

HYDRAULIC GRADE (m asl)																		
CHAINAGE (m)	1340.00	1360.00	1380.00	1400.00	1420.00	1440.00	1460.00	1480.00	1500.00	1520.00	1540.00	1560.00	1580.00	1600.00	1620.00	1640.00	1660.00	1680.00
GROUND LEVEL (m asl)	581.565	581.705	582.020	582.080	582.015	581.950	581.895	581.920	581.970	582.125	581.930	581.745	581.475	581.495	581.465	581.440	581.425	581.415
BANK LEVEL (m amsl)	581.971	581.961	581.951	581.941	581.931	581.921	581.911	581.901	581.891	581.881	581.871	581.861	581.851	581.841	581.831	581.821	581.811	581.801
FULL SUPPLY LEVEL (m amsl)	581.721	581.711	581.701	581.691	581.681	581.671	581.661	581.651	581.641	581.631	581.621	581.611	581.601	581.591	581.581	581.571	581.561	581.551
CANAL BED LEVEL (m amsl)	581.188	581.178	581.168	581.158	581.148	581.138	581.128	581.118	581.108	581.098	581.088	581.078	581.068	581.058	581.048	581.038	581.028	581.018

HYDRAULIC GRADE (m asl)																		
CHAINAGE (m)	1700.00	1720.00	1740.00	1760.00	1780.00	1800.00	1820.00	1840.00	1860.00	1860.00	1880.00	1900.00	1920.00	1940.00	1960.00	1980.00	1989.00	2000.00
GROUND LEVEL (m asl)	581.395	581.425	581.330	581.220	581.175	581.135	581.020	580.880	581.030	581.030	581.055	581.060	581.060	581.085	581.030	580.995	580.955	580.960
BANK LEVEL (m amsl)	581.791	581.781	581.771	581.761	581.751	581.741	581.731	581.721	581.711	581.711	581.701	581.691	581.681	581.671	581.661	581.651	581.646	581.641
FULL SUPPLY LEVEL (m amsl)	581.541	581.531	581.521	581.511	581.501	581.491	581.481	581.471	581.461	581.461	581.451	581.441	581.431	581.421	581.411	581.401	581.396	581.391
CANAL BED LEVEL (m amsl)	581.008	580.998	580.988	580.978	580.968	580.958	580.948	580.938	580.928	580.928	580.918	580.908	580.898	580.888	580.878	580.868	580.864	580.858

DESIGN FLOW (l/s)	580
DESIGN BED SLOPE (m/m)	0.0005
INSIDE SLOPE	1.0
CANAL BED WIDTH (m)	1.0

Vertical Scale 1:200 (At A1)
0 5 10 15 20 m
0 50 100 150 200m
Horizontal Scale 1:2000 (At A1)

MAIN CANAL_CH-1+000.00-2+000.00m

REV. No.	DESCRIPTION	DATE

CLIENT

REPUBLIC OF KENYA

MINISTRY OF AGRICULTURE
LIVESTOCK AND FISHERIES

**STATE DEPARTMENT
OF AGRICULTURE**

FINANCIER:

AFRICAN DEVELOPMENT BANK GROUP
GROUPE DE LA BANQUE AFRICAINE DE DÉVELOPPEMENT

Immeuble CCIA - Avenue Jean-Paul II - 01 B.P. 1387 Abidjan 01, Côte d'Ivoire
Phone: (225) 20 26 36 56 • Fax: (225) 20 21 31 00

CONSULTANT:

OCRA COMPANY LIMITED

Engineers, Environmental Management and Development Consultants

PROJECT

KONOO IRRIGATION DEVELOPMENT PROJECT

(TURKANA COUNTY)

TITLE OF DRAWING:

MAIN CANAL PROFILE

DWG. No. KIDP/TD/PR/301

Sheet No. 2/4

Designed:	KG	Date: AUGUST 2017
Drawn:	WM	Date: AUGUST 2017
Checked:	P.MUTHIGANI	Date: AUGUST 2017
Approved:	B.MAINA	Date: AUGUST 2017